


[ABOUT DELPHION](#)
[PRODUCTS](#)
[NEWS & EVENTS](#)
[IP RESOURCES](#)
[IP SEARCH](#)
[IP Listings](#)
[Prior Art](#)
[Derwent](#)
[Advanced](#)
[Database](#)
[Number](#)
[Quick](#)
[Search](#)
[Login](#)
[Register](#)
[Order Form](#)
[Shopping Cart](#)
[Premium Features](#)


## JP58098421A2: PRODUCTION OF POLYURETHANE ELASTIC YARN

[View images \(1 pages\)](#) | [Derwent Record...](#)

JP Japan

OGAWA YASUHIRO  
TEJIMA TSUTOMU

KANEBO LTD  
KANEBO SYNTHETIC FIBERS LTD

[News, Profiles, Stocks and More about this company](#)

June 11, 1983 / Dec. 7, 1981

JP1981000197195

D01F 6/70:

**Purpose:** A reaction product from a polyisocyanate and a blocking agent is added to a polyurethane elastomer and they are made into filaments and the resultant filaments are heat treated at a specific temperature to produce the titled elastic yarn with high recovery from deformation at high temperatures.

**Constitution:** A melted thermoplastic polyurethane elastomer, preferably made from a polytetramethylene glycol of 500W6,000 molecular weight, p,p'-diphenyl-methanediisocyanate and 1,4-butanediol as a chain extender, is combined with a reaction product between a polyisocyanate of 400 or more molecular weight, preferably p,p'-diphenylmethane diisocyanate adduct to polytetramethylene glycol on both terminals and a blocking agent as a compound with active hydrogens such as phenol, preferably by 5W20wt%. The resultant mixture is spun into filaments and they are heat treated at a temperature over 80°C, preferably high or than 100°C to give the objective elastic yarn.

COPYRIGHT: (C)1983,JPO&Japio

[Show known family members](#)

none

No patents reference this one

**BEST AVAILABLE COPY**

Alternative  
Searches



[Patent Number](#)



[Boolean Text](#)



[Advanced Text](#)

